SUB-VISIBLE CLOUD COVER ASSESSMENT: VNIR-SWIR

ABSTRACT OF THE DISCLOSURE

5   Methods, computer-readable media, and systems are provided for determining whether a data point indicates a presence of a sub-visible cloud using visible near-infrared data and short wavelength infrared data. A data point is selected from an imaging study of an area potentially covered by at least one of visible clouds and sub-visible clouds. A presence of a sub-visible cloud is determined. The determination is made by comparing a cirrus-band

10   reflectance of the data point with a sub-visible cirrus-band reflectance threshold. The data point is classified as a sub-visible cloud point if the cirrus-band reflectance of the data point exceeds the sub-visible cirrus band reflectance threshold.